

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/EP2004/013178

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07D471/04 A61K31/435 A61P35/00
//(C07D471/04, 235:00, 221:00)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/46188 A (3M INNOVATIVE PROPERTIES COMPANY; CROOKS, STEPHEN L; GRIESGRABER, GEOR) 13 June 2002 (2002-06-13) the whole document -----	1-15
A	US 5 605 899 A (GERSTER JOHN F 'US! ET AL) 25 February 1997 (1997-02-25) the whole document -----	1-15
A	US 6 331 539 B1 (CROOKS STEPHEN L ET AL) 18 December 2001 (2001-12-18) the whole document -----	1-15
A	EP 1 256 582 A (HOKURIKU SEIYAKU CO., LTD) 13 November 2002 (2002-11-13) the whole document -----	1-15
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the International search

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7 March 2005

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INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/EP2004/013178

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 104 764 A (HOKURIKU SEIYAKU CO., LTD) 6 June 2001 (2001-06-06) the whole document -----	1-15
A	EP 0 389 302 A (RIKER LABORATORIES, INC) 26 September 1990 (1990-09-26) the whole document -----	1-15

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/013178

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0246188	A	13-06-2002	AU 3061802 A AU 3248202 A AU 3249702 A AU 3951602 A AU 3951702 A AU 3953002 A BR 0116026 A BR 0116047 A CA 2430844 A1 CA 2431151 A1 CA 2436846 A1 CA 2436980 A1 CA 2436983 A1 CA 2436984 A1 CN 1479738 A CN 1487939 A CN 1479739 A CZ 20031560 A3 CZ 20031561 A3 CZ 20031562 A3 CZ 20031563 A3 CZ 20031591 A3 CZ 20031592 A3 EE 200300268 A EE 200300270 A EE 200300271 A EE 200300272 A EE 200300274 A EE 200300275 A EP 1341789 A2 EP 1341790 A2 EP 1341791 A2 EP 1339715 A2 EP 1341792 A2 EP 1343784 A2 HR 20030461 A2 HR 20030462 A2 HR 20030463 A2 HR 20030464 A2 HR 20030466 A2 HR 20030467 A2 HU 0400704 A2 HU 0400710 A2 JP 2004532810 T	18-06-2002 18-06-2002 18-06-2002 18-06-2002 18-06-2002 18-06-2002 21-12-2004 30-09-2003 13-06-2002 13-06-2002 13-06-2002 13-06-2002 13-06-2002 13-06-2002 03-03-2004 07-04-2004 03-03-2004 12-05-2004 14-04-2004 17-03-2004 18-02-2004 12-11-2003 14-01-2004 15-10-2003 15-10-2003 15-10-2003 15-10-2003 15-10-2003 15-10-2003 10-09-2003 10-09-2003 10-09-2003 03-09-2003 10-09-2003 17-09-2003 30-06-2004 30-04-2004 30-04-2004 30-06-2004 30-06-2004 30-04-2004 28-06-2004 28-06-2004 28-10-2004
US 5605899	A	25-02-1997	US 5389640 A US 5977366 A US 2003119861 A1 US 6348462 B1 US 2003212270 A1 US 2004122231 A1 US 5741909 A US 2002115861 A1 AT 179711 T AT 229943 T AU 658621 B2 AU 1566992 A AU 673309 B2	14-02-1995 02-11-1999 26-06-2003 19-02-2002 13-11-2003 24-06-2004 21-04-1998 22-08-2002 15-05-1999 15-01-2003 27-04-1995 06-10-1992 31-10-1996

INTERNATIONAL SEARCH REPORT

Information on patent family members

Int'l Application No

PCT/EP2004/013178

Patent document cited in search report	Publication date	Patent family member(s)		Publication date	
US 5605899	A	AU	2715795 A	21-09-1995	
		CA	2104782 A1	02-09-1992	
		CA	2289219 A1	02-09-1992	
		CZ	9301788 A3	18-10-1995	
		DE	69229114 D1	10-06-1999	
		DE	69229114 T2	04-11-1999	
		DE	69232878 D1	30-01-2003	
		DE	69232878 T2	20-11-2003	
		DK	582581 T3	08-11-1999	
		DK	872478 T3	31-03-2003	
		EP	0582581 A1	16-02-1994	
		EP	0872478 A2	21-10-1998	
		ES	2131070 T3	16-07-1999	
		ES	2186034 T3	01-05-2003	
		HU	67026 A2	30-01-1995	
		HU	211242 B3	28-11-1995	
		HU	220667 B1	29-04-2002	
		HU	222247 B1	28-05-2003	
		HU	222251 B1	28-05-2003	
		HU	222250 B1	28-05-2003	
		IE	920605 A1	09-09-1992	
		IE	990988 A1	13-12-2000	
		IL	101110 A	08-12-1995	
		IL	114570 A	31-10-1996	
		JP	2955019 B2	04-10-1999	
		JP	6504789 T	02-06-1994	
		KR	235389 B1	15-12-1999	
		NO	933069 A	01-11-1993	
		NZ	241784 A	27-06-1995	
		PH	31614 A	12-01-1999	
		SG	46492 A1	20-02-1998	
		SG	70625 A1	22-02-2000	
		WO	9215582 A1	17-09-1992	
		ZA	9201540 A	25-11-1992	
US 6331539	B1	18-12-2001	AU	772179 B2	08-04-2004
			AU	5328400 A	02-01-2001
			BR	0011433 A	05-03-2002
			CA	2376305 A1	21-12-2000
			CN	1354663 A	19-06-2002
			CZ	20014363 A3	13-03-2002
			EE	200100669 A	17-02-2003
			EP	1198233 A1	24-04-2002
			HR	20010890 A1	31-08-2003
			HU	0201431 A2	28-08-2002
			JP	2003501474 T	14-01-2003
			MX	PA01012547 A	14-10-2003
			NO	20015502 A	07-02-2002
			NZ	515967 A	31-10-2003
			PL	352554 A1	25-08-2003
			SK	17922001 A3	04-04-2002
			TR	200103575 T2	21-06-2002
			WO	0076519 A1	21-12-2000
			US	2004029877 A1	12-02-2004
			US	2003130299 A1	10-07-2003
			US	2004204438 A1	14-10-2004
			AU	766565 B2	16-10-2003
			AU	5328100 A	02-01-2001

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/013178

Patent document cited in search report	Publication date	Patent family member(s)		Publication date	
US 6331539	B1	AU	773113 B2	20-05-2004	
		AU	6334900 A	02-01-2001	
		BR	0011448 A	14-12-2004	
		BR	0014214 A	08-09-2004	
		CA	2376296 A1	21-12-2000	
		CA	2376304 A1	21-12-2000	
		CN	1353609 A	12-06-2002	
		CN	1355701 A	26-06-2002	
		CZ	20014364 A3	13-03-2002	
		EE	200100668 A	17-02-2003	
		EE	200100670 A	17-02-2003	
		EP	1198232 A1	24-04-2002	
		EP	1187613 A1	20-03-2002	
		EP	1438958 A1	21-07-2004	
		HR	20010888 A1	31-08-2003	
		HR	20010889 A1	31-08-2003	
		HU	0201664 A2	28-08-2002	
		HU	0202254 A2	28-10-2002	
		JP	2003501466 T	14-01-2003	
		JP	2003501473 T	14-01-2003	
		MX	PA01012508 A	02-07-2002	
		NO	20015503 A	08-02-2002	
		NO	20015504 A	07-02-2002	
EP 1256582	A	13-11-2002	AU	3058401 A	20-08-2001
			BG	107067 A	30-09-2003
			BR	0108303 A	05-03-2003
			CA	2399136 A1	16-08-2001
			EP	1256582 A1	13-11-2002
			HU	0204474 A2	28-04-2003
			MX	PA02007525 A	13-12-2002
			NO	20023750 A	07-10-2002
			SK	11202002 A3	04-03-2003
			US	2004054182 A1	18-03-2004
			CN	1422269 A	04-06-2003
			CZ	20022626 A3	12-02-2003
			WO	0158900 A1	16-08-2001
			JP	2002161095 A	04-06-2002
			PL	355866 A1	31-05-2004
			ZA	200206698 A	21-08-2003
EP 1104764	A	06-06-2001	JP	2000119271 A	25-04-2000
			AU	744388 B2	21-02-2002
			AU	5197499 A	06-03-2000
			BG	105271 A	30-11-2001
			BR	9914306 A	21-05-2002
			CA	2339562 A1	24-02-2000
			EP	1104764 A1	06-06-2001
			HR	20010144 A1	30-04-2002
			HU	0103406 A2	28-02-2002
			NO	20010676 A	10-04-2001
			NZ	509939 A	28-08-2002
			PL	346155 A1	28-01-2002
			SK	1942001 A3	03-12-2001
			US	6518265 B1	11-02-2003
			CN	1323307 A	21-11-2001
			CZ	20010503 A3	14-11-2001
			WO	0009506 A1	24-02-2000

INTERNATIONAL SEARCH REPORT

Information on patent family members

Int'l Application No

PCT/EP2004/013178

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
EP 1104764	A		TR 200100439 T2	21-05-2001
			TW 533209 B	21-05-2003
			ZA 200101452 A	17-09-2001
EP 0389302	A 26-09-1990	US	4929624 A	29-05-1990
		AU	632099 B2	17-12-1992
		AU	5142690 A	27-09-1990
		CA	2012226 A1	23-09-1990
		CS	9103906 A3	17-06-1992
		DE	69011914 D1	06-10-1994
		DE	69011914 T2	23-03-1995
		EP	0389302 A1	26-09-1990
		ES	2060026 T3	16-11-1994
		JP	2942584 B2	30-08-1999
		JP	3027381 A	05-02-1991
		KR	180226 B1	20-03-1999
		US	5037986 A	06-08-1991